

APPROVED	C.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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1 GCACGAGGAACAGAACACTTTTCTCATGTCCAGGGTCAGATTACAAGAGCACTCAAGACTT 60
61 TACTGACGAAAACCTCAGGAAATCCTCTATCACAAGAGGTTTGGCAACTAACTAAGACA 120
121 TTAAAAGGAAAATACCAGATGCCACTCTGCAGGCTGCAATAACTACTACTTACTGGATAC 180
181 ATTCAAACCTCCAGAATCAACAGTTATCAGGTAACCAACAAGAAATGCAAGCCGTCGAC 240
1 M Q A V D 5
241 AATCTCACCTCTGCGCCTGGGAACACCAGTCTGTGCACCAGAGACTACAAAATCACCCAG 300
6 N L T S A P G N T S L C T R D Y K I T Q 25
301 GTCCTCTTCCCACTGCTCTACACTGCTCTGTTTTTTGTTGGACTTATCACAATGGCCTG 360
26 V L F P L L Y T V L F F V G L I T N G L 45
361 GCGATGAGGATTTTCTTTCAAATCCGGAGTAAATCAAACTTTATTATTTTCTTAAGAAC 420
46 A M R I F F Q I R S K S N F I I F L K N 65
421 ACAGTCATTTCTGATCTTCTCATGATTCTGACTTTTCCATTCAAATTTCTTAGTGATGCC 480
66 T V I S D L L M I L T F P F K I L S D A 85
481 AAACTGGGAACAGGACCACTGAGAACTTTTGTGTGTCAAGTTACCTCCGTCATATTTTAT 540
86 K L G T G P L R T F V C Q V T S V I F Y 105
541 TTCACAATGTATATCAGTATTTTATTCTGGGACTGATAACTATCGATCGCTACCAGAAG 600
106 F T M Y I S I S F L G L I T I D R Y Q K 125
601 AcCACCAGGCCATTAAAACATCCAACCCCAAAAATCTCTTGGGGGCTAAGATTCTCTCT 660
126 T T R P F K T S N P K N L L G A K I L S 145
661 GTTGTCATCTGGGCATTCATGTTCTTACTCTCTTtGCCTAACATGATTCTGACCAACAGg 720
146 V V I W A F M F L L S L P N M I L T N R 165
721 CAGCCGAGAGACAAGAATGTGaAGAAaTGCTCTTTCCTTAAATCAGAGTTCGGTCTAGTC 780
166 Q P R D K N V K K C S F L K S E F G L V 185
781 TGGCATGAAATAGTAAATTACATCTGTCAAGTCATTTTCTGGATTAATTTCTTAATTGTT 840
186 W H E I V N Y I C Q V I F W I N F L I V 205

FIG.1A

841 ATTGTATGTTATACACTCATTACAAAAGAACTGTACCGGTCATACGTAAGAACGAGGGGT 900
206 I V C Y T L I T K E L Y R S Y V R T R G 225

901 GTAGGTAAAGTCCCCAGGAAAAAGGTGAACGTCAAAGTTTTTCATTATCATTGCTGTATTC 960
226 V G K V P R K K V N V K V F I I I A V F 245

961 TTTATTTGTTTTGTTCTTTCCATTTTGCCCGAATTCCTTACACCCTGAGCCAAACCCGG 1020
246 F I C F V P F H F A R I P Y T L S Q T R 265

1021 GATGTCTTTGACTGCACTGcTGAAAATACTCTGTTCTATGTGAAAGAGAGCACTCTGTGG 1080
266 D V F D C T A E N T L F Y V K E S T L W 285

1081 TTAACCTCCTTAAATGCATGCCTGGATCCGTTCACTATTTTTTCTTTGCAAGTCCTTC 1140
286 L T S L N A C L D P F I Y F F L C K S F 305

1141 AGAAATTCCTTGATAAGTATGCTGAAGTGCCCAATTCTGCAACATCTCTGTCCCAGGAC 1200
306 R N S L I S M L K C P N S A T S L S Q D 325

1201 AATAGGAAAAAAGAACAGGATGGTGGTGAcCCAAATGAAGAGACTCCAATGTAAACAAAT 1260
326 N R K K E Q D G G D P N E E T P M * 343

1261 TAACTAAGGAAATATTTCAATCTCTTTGTGTTTCAGAACTCGTTAAAGCAAAGCGCTAAGT 1320

1321 AAAAATATTAAGTACGAAGAAGCAACTAAGTTAATAATAATGACTCTAAAGAAACAGAA 1380

1381 GATTACAAAAGCAATTTTCATTTACCTTTCCAGTATGAAAAGCTATCTTAAATATAGAA 1440

1441 AACTAATCTAACTGTAGCTGTATTAGCAGCAAAACAAACGACATCCAATTGTCATGCTG 1500

1501 CATGCAAACTACACAGAATTCATGTTTTGgCAGAGTTTTGGCAAATGAGTAATCATAT 1560

1561 AATATTTACTGTAATTTTTTAAAATACATTATCGTTCACAATTTTATTTTTTCATAATCAA 1620

1621 CTAAGGAAGAACGATCAATTGGATATAATCTTCTTACCAAAAATGATAGTTAAAATGTAT 1680

1681 ATATATCCTAGTCCCCTAACCaaATCCTGACCTATTGGGATACTTATAAAAATTTAAGTA 1740

1741 AGTGGGATACACAAAGAATAATAACTATTAACTTTTTCATTATTAGCcAAAAACCTAAGGG 1800

FIG. 1B

Questions **A**nswers

FIG. 1C

FIG. 2

1. The first group of people who are interested in the study of the history of the world are the historians. They are people who are interested in the past and who want to know what happened in the past. They are people who are interested in the events that have shaped the world as we know it today.

FIG. 3A

1. *Chlorophyll a* (Chl *a*)
 2. *Chlorophyll b* (Chl *b*)
 3. *Chlorophyll c* (Chl *c*)
 4. *Chlorophyll d* (Chl *d*)
 5. *Chlorophyll e* (Chl *e*)
 6. *Chlorophyll f* (Chl *f*)
 7. *Chlorophyll g* (Chl *g*)
 8. *Chlorophyll h* (Chl *h*)
 9. *Chlorophyll i* (Chl *i*)
 10. *Chlorophyll j* (Chl *j*)
 11. *Chlorophyll k* (Chl *k*)
 12. *Chlorophyll l* (Chl *l*)
 13. *Chlorophyll m* (Chl *m*)
 14. *Chlorophyll n* (Chl *n*)
 15. *Chlorophyll o* (Chl *o*)
 16. *Chlorophyll p* (Chl *p*)
 17. *Chlorophyll q* (Chl *q*)
 18. *Chlorophyll r* (Chl *r*)
 19. *Chlorophyll s* (Chl *s*)
 20. *Chlorophyll t* (Chl *t*)
 21. *Chlorophyll u* (Chl *u*)
 22. *Chlorophyll v* (Chl *v*)
 23. *Chlorophyll w* (Chl *w*)
 24. *Chlorophyll x* (Chl *x*)
 25. *Chlorophyll y* (Chl *y*)
 26. *Chlorophyll z* (Chl *z*)
 27. *Chlorophyll aa* (Chl *aa*)
 28. *Chlorophyll ab* (Chl *ab*)
 29. *Chlorophyll ac* (Chl *ac*)
 30. *Chlorophyll ad* (Chl *ad*)
 31. *Chlorophyll ae* (Chl *ae*)
 32. *Chlorophyll af* (Chl *af*)
 33. *Chlorophyll ag* (Chl *ag*)
 34. *Chlorophyll ah* (Chl *ah*)
 35. *Chlorophyll ai* (Chl *ai*)
 36. *Chlorophyll aj* (Chl *aj*)
 37. *Chlorophyll ak* (Chl *ak*)
 38. *Chlorophyll al* (Chl *al*)
 39. *Chlorophyll am* (Chl *am*)
 40. *Chlorophyll an* (Chl *an*)
 41. *Chlorophyll ao* (Chl *ao*)
 42. *Chlorophyll ap* (Chl *ap*)
 43. *Chlorophyll aq* (Chl *aq*)
 44. *Chlorophyll ar* (Chl *ar*)
 45. *Chlorophyll as* (Chl *as*)
 46. *Chlorophyll at* (Chl *at*)
 47. *Chlorophyll au* (Chl *au*)
 48. *Chlorophyll av* (Chl *av*)
 49. *Chlorophyll aw* (Chl *aw*)
 50. *Chlorophyll ax* (Chl *ax*)
 51. *Chlorophyll ay* (Chl *ay*)
 52. *Chlorophyll az* (Chl *az*)
 53. *Chlorophyll aza* (Chl *aza*)
 54. *Chlorophyll abz* (Chl *abz*)
 55. *Chlorophyll aca* (Chl *aca*)
 56. *Chlorophyll acb* (Chl *acb*)
 57. *Chlorophyll acc* (Chl *acc*)
 58. *Chlorophyll acd* (Chl *acd*)
 59. *Chlorophyll ace* (Chl *ace*)
 60. *Chlorophyll acf* (Chl *acf*)
 61. *Chlorophyll acg* (Chl *acg*)
 62. *Chlorophyll ach* (Chl *ach*)
 63. *Chlorophyll aci* (Chl *aci*)
 64. *Chlorophyll acj* (Chl *acj*)
 65. *Chlorophyll ack* (Chl *ack*)
 66. *Chlorophyll acl* (Chl *acl*)
 67. *Chlorophyll acm* (Chl *acm*)
 68. *Chlorophyll acn* (Chl *acn*)
 69. *Chlorophyll aco* (Chl *aco*)
 70. *Chlorophyll acp* (Chl *acp*)
 71. *Chlorophyll acq* (Chl *acq*)
 72. *Chlorophyll acr* (Chl *acr*)
 73. *Chlorophyll acs* (Chl *acs*)
 74. *Chlorophyll act* (Chl *act*)
 75. *Chlorophyll acu* (Chl *acu*)
 76. *Chlorophyll acv* (Chl *acv*)
 77. *Chlorophyll acw* (Chl *acw*)
 78. *Chlorophyll acx* (Chl *acx*)
 79. *Chlorophyll acy* (Chl *acy*)
 80. *Chlorophyll acz* (Chl *acz*)
 81. *Chlorophyll azaa* (Chl *aza*)
 82. *Chlorophyll abz* (Chl *abz*)
 83. *Chlorophyll aca* (Chl *aca*)
 84. *Chlorophyll acb* (Chl *acb*)
 85. *Chlorophyll acc* (Chl *acc*)
 86. *Chlorophyll acd* (Chl *acd*)
 87. *Chlorophyll ace* (Chl *ace*)
 88. *Chlorophyll acf* (Chl *acf*)
 89. *Chlorophyll acg* (Chl *acg*)
 90. *Chlorophyll ach* (Chl *ach*)
 91. *Chlorophyll aci* (Chl *aci*)
 92. *Chlorophyll acj* (Chl *acj*)
 93. *Chlorophyll ack* (Chl *ack*)
 94. *Chlorophyll acl* (Chl *acl*)
 95. *Chlorophyll acm* (Chl *acm*)
 96. *Chlorophyll acn* (Chl *acn*)
 97. *Chlorophyll aco* (Chl *aco*)
 98. *Chlorophyll acp* (Chl *acp*)
 99. *Chlorophyll acq* (Chl *acq*)
 100. *Chlorophyll acr* (Chl *acr*)
 101. *Chlorophyll acs* (Chl *acs*)
 102. *Chlorophyll act* (Chl *act*)
 103. *Chlorophyll acu* (Chl *acu*)
 104. *Chlorophyll acv* (Chl *acv*)
 105. *Chlorophyll acw* (Chl *acw*)
 106. *Chlorophyll acx* (Chl *acx*)
 107. *Chlorophyll acy* (Chl *acy*)
 108. *Chlorophyll acz* (Chl *acz*)
 109. *Chlorophyll azaa* (Chl *aza*)
 110. *Chlorophyll abz* (Chl *abz*)
 111. *Chlorophyll aca* (Chl *aca*)
 112. *Chlorophyll acb* (Chl *acb*)
 113. *Chlorophyll acc* (Chl *acc*)
 114. *Chlorophyll acd* (Chl *acd*)
 115. *Chlorophyll ace* (Chl *ace*)
 116. *Chlorophyll acf* (Chl *acf*)
 117. *Chlorophyll acg* (Chl *acg*)
 118. *Chlorophyll ach* (Chl *ach*)
 119. *Chlorophyll aci* (Chl *aci*)
 120. *Chlorophyll acj* (Chl *acj*)
 121. *Chlorophyll ack* (Chl *ack*)
 122. *Chlorophyll acl* (Chl *acl*)
 123. *Chlorophyll acm* (Chl *acm*)
 124. *Chlorophyll acn* (Chl *acn*)
 125. *Chlorophyll aco* (Chl *aco*)
 126. *Chlorophyll acp* (Chl *acp*)
 127. *Chlorophyll acq* (Chl *acq*)
 128. *Chlorophyll acr* (Chl *acr*)
 129. *Chlorophyll acs* (Chl *acs*)
 130. *Chlorophyll act* (Chl *act*)
 131. *Chlorophyll acu* (Chl *acu*)
 132. *Chlorophyll acv* (Chl *acv*)
 133. *Chlorophyll acw* (Chl *acw*)
 134. *Chlor*

FIG. 3B

FIG.4